

2013 Longmont *water* quality report



The City of Longmont Public Works and Natural Resources is pleased to present the 2013 Water Quality Report. Inside you will find information about Longmont's drinking water and results of the most recent tests that were done on the drinking water.

The City of Longmont is proud to report that we did not have any drinking water violations last year.

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Public Works &
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Where Longmont Gets Its Water

The City of Longmont's drinking water is all surface water that comes from streams, lakes and reservoirs that are fed by snowmelt and rainfall. The sources of Longmont's drinking water are:

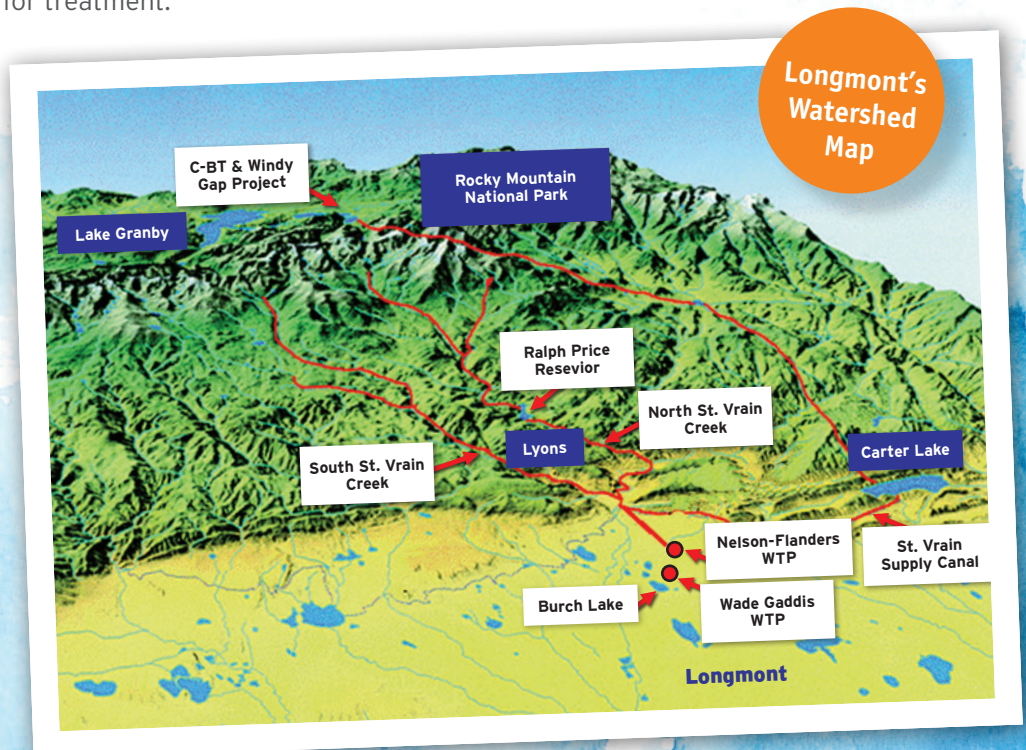
The **St. Vrain Creek** watershed (North and South St. Vrain Creeks, and St. Vrain Creek). The North St. Vrain Creek watershed includes wilderness areas and portions of Rocky Mountain National Park. Ralph Price Reservoir is used to store water from North St. Vrain Creek. The South St. Vrain Creek watershed extends into the Indian Peaks Wilderness. The North and South forks combine to form St. Vrain Creek near the town of Lyons. The Highland Ditch is used to convey water from the St. Vrain for treatment. During this reporting year, 43% of Longmont's water came from North St. Vrain Creek and St. Vrain Creek. Water from St. Vrain Creek below the Town of Lyons is conveyed to Burch Lake by the Palmerton Ditch. Burch Lake was not used during this reporting year.

The **Colorado and Fraser Rivers** in Grand County. These sources are delivered to Longmont via the Colorado-Big Thompson (C-BT) project, operated by the

The sources, reservoirs and plants are shown on map below.

Northern Colorado Water Conservancy District. Water from reservoirs in Grand County flows through the Adams Tunnel and is delivered to Longmont through Carter Lake via the St. Vrain Supply Canal and Southern Water Supply Pipeline. During this reporting year, 57% of Longmont's water came from C-BT sources

These water sources were treated at the City's Nelson-Flanders and Wade Gaddis water treatment plants.



What's in the Water Before Treatment?

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wild life.

Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.

Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.

Radioactive contaminants, which can be naturally-occurring or be the results of oil and gas production and mining activities.





What about Longmont's Water?

Longmont is fortunate to have high quality water sources that originate in mountain watersheds. The North St. Vrain Creek watershed is mainly wilderness and is affected only by naturally occurring elements. Water from the South St. Vrain Creek may be impacted by runoff from abandoned mines. The watersheds that feed the C-BT project may contain contaminants related to recreation, wastewater treatment plant effluents and runoff from pastures. St. Vrain Creek below Lyons is transferred to the treatment plants by irrigation ditches and can be affected by agricultural and livestock activities.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by Longmont and other public water systems. The City's treatment plants reduce any contaminants in the source waters to levels that meet, and usually surpass, all Federal and State requirements.

A Source Water Assessment Report for the City of Longmont has been prepared by the Colorado Department of Public Health and Environment (CDPHE). A copy of the report can be obtained by calling 303-651-8376 or by accessing the SWAP website at <http://www.colorado.gov/cs/Satellite/CDPHE-WQ/CBON/1251596793639>. The Source Water Assessment Report is a screening-level evaluation of the likelihood that a potential contamination problem could occur, not an indication that potential contamination has occurred or will occur.

The assessment results are provided as a starting point for public water systems to evaluate potential contaminant risks.

The City has a watershed monitoring program that includes collection of samples and testing for routine parameters. Monitoring is being done throughout the watershed, including reservoirs, St. Vrain Creek and base flows in the storm drainage system. The watershed monitoring program provides important information on Longmont's drinking water sources and assess the quality of water throughout the watershed. Information on the water sources and upper watershed can be used to help with the operation of the City's water treatment plants to maintain our high quality drinking water. Longmont is also participating in watershed monitoring that is being coordinated by the Northern Colorado Water Conservancy District (NCWCD) to evaluate test methods and levels of emerging contaminants such as pharmaceuticals, pesticides, hormones, etc. in our drinking water sources. More information on the NCWCD study can be obtained from NCWCD at <http://www.northernwater.org>.

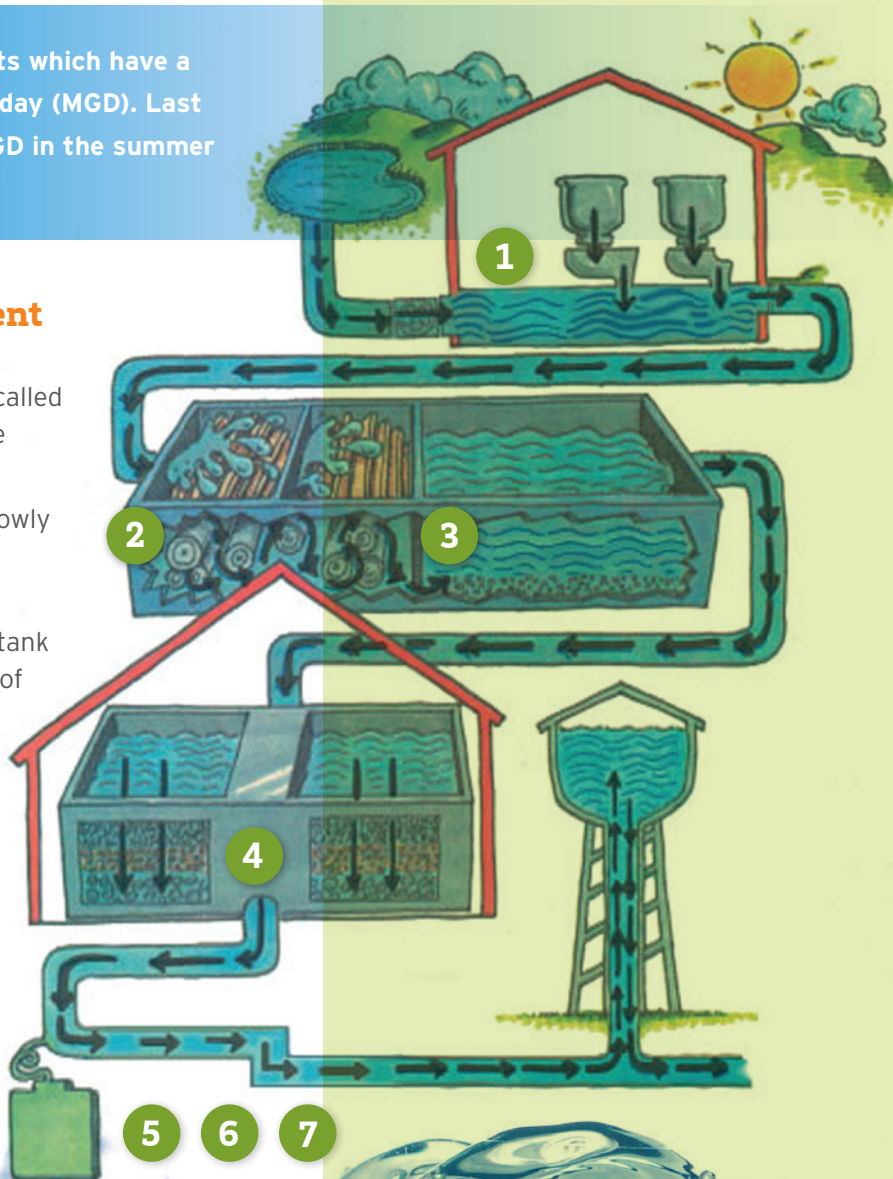


How is the Water Treated?

The City operates two water treatment plants which have a combined capacity of 45 million gallons per day (MGD). Last year, the plants treated an average of 26 MGD in the summer and 8 MGD during the winter months.

Steps Involved in Water Treatment

- 1 Coagulation** – Aluminum salts and chemicals called polymers are mixed with the water to make the particles in the water stick together.
- 2 Flocculation** – The coagulated particles are slowly mixed so that they can collide and form larger particles, known as “floc.”
- 3 Sedimentation** – Water flows through a large tank which allows the “floc” to settle to the bottom of the tank and be removed.
- 4 Filtration** – Water is passed through filters made of sand and anthracite coal to filter out remaining particles.
- 5 Disinfection** – Chlorine is added to kill any remaining bacteria or other disease-causing organisms.
- 6 Fluoridation** – Fluoride is added to help prevent tooth decay.
- 7 Stabilization** – Small amounts of soda ash (sodium carbonate) or sodium hydroxide are added to make the water less corrosive to pipes and plumbing.





What about Bottled Water?

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by Longmont and other public water systems. Food and drug administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

As noted previously in this report, all drinking water, including bottled water, comes from sources that may contain at least small amounts of some contaminants. The FDA limits are intended to provide consumers of bottled water with the same protection for public health as other sources of drinking water. However, the regulations and testing requirements for contaminants in bottled water are much less stringent than for tap water.


More information about bottled water, possible contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791. Another source of information is the Natural Resources Defense Council, which has tested many brands of bottled water. The results of those tests are available on the internet at <http://www.nrdc.org/water/drinking/bw/appa.asp>.

Special Health Concerns

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791.

Lead in Drinking Water

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from material and components associated with service lines and home plumbing. The City of Longmont is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.



What is in your Tap Water?

The City's Water Quality Laboratory, which is State-certified, performs many of the tests on your drinking water. Contract labs are used for tests that the Water Quality Laboratory does not do in-house. 9547 tests were performed on the City's drinking water last year, 8745 of which were performed by the City's Water Quality Laboratory. This ensures that the water delivered to your tap meets or exceeds the standards set by the Environmental Protection Agency (EPA) and the Colorado Department of Public Health and Environment (CDPHE).

Last year, as in years past, your tap water met all EPA and State drinking water health standards. The City of Longmont safeguards its water supplies and once again, we are proud to report that our system did not violate a maximum contaminant level or any other water quality standard. The following tables show the most recent test results for Longmont's water and the federal and state requirements. The CDPHE permits monitoring for some contaminants less than once per year because the concentrations of those contaminants do not change frequently. Some of the data in the tables, though representative of our water, is more than one year old. Unless otherwise noted, the results are from tests performed last year.

Definitions of the technical terms in the tables are included at the end of the tables.

The City of Longmont is proud to report that we did not have any drinking water violations last year.

Table I - Drinking Water Quality: Regulated Contaminants

Table I shows the most recent test results for contaminants that were detected in Longmont's drinking water and have limits set by EPA or CDPHE regulations. Possible sources of the contaminants are noted in the last column. These are not necessarily the sources of contaminants in Longmont's water.

Contaminant	Range of Levels	MCL	MCLG	Probable Source of Contaminant
Inorganic and Physical				
Barium ¹	0.01 ppm	2 ppm	2 ppm	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride ¹	0.68 ppm	4 ppm	4 ppm	Added during treatment to promote strong teeth
Turbidity ²	0.015 to 0.047 NTU 100% of samples <0.3 NTU	1.0 NTU and more than 95% of samples <0.3 NTU	Not Applicable	Soil runoff
Nitrate (NO ₃)	0.04 ppm	10 ppm	10 ppm	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Bacteria and Microorganisms				
Total Coliform Bacteria	1 sample present in 1248 samples; August, present in 0.95% of samples	Present in no more than 5% of monthly samples	0% present	Naturally present in the environment
E. coli Bacteria	Not Detected	0% Present	0% Present	Human and animal waste
Giardia ³	Not Detected	Not applicable	0 cysts	Human and animal waste
Cryptosporidium ³	Not Detected	Not applicable	0 cysts	Human and animal waste
Disinfection and Disinfection Byproducts				
Total Chlorine ⁴	0.18 to 2.16 ppm Max Monthly Average = 0.86 ppm	4 ppm (MRDL)	4 ppm (MRDLG)	Added during treatment for disinfection
Total Haloacetic Acids	16.2 to 28.5 ppb Max LRAA = 23.7 ppb	60 ppb	0 ppb	Byproduct of drinking water chlorination
Total Trihalomethanes	18.2 to 37.6 ppb Max LRAA = 31.0 ppb	80 ppb	0 ppb	Byproduct of drinking water chlorination
Radioactivity				
Alpha Emitters ¹	0.6 pCi/L	15 pCi/L	0 pCi/L	Erosion of natural deposits
Combined Radium (226+228) ¹	0.2 pCi/L	5 pCi/L	0 pCi/L	Erosion of natural deposits
Total Organic Carbon				
Total Organic Carbon (TOC)	Source Water: 2.22 to 5.26 ppm, Average = 3.42 ppm; Treated Water: 1.04 to 2.56 ppm, Average = 1.62 ppm; Removal: 42.1 to 64.3%, Average = 54.7%	TOC is a measure of the effectiveness of a treatment technique used by the water treatment plant to remove organic material ⁵		Naturally present in the environment

Table II - Drinking Water Quality: Corrosion Control

The City began a corrosion control program in 1987 to reduce lead and copper levels. Sodium carbonate or sodium hydroxide is added at the treatment plants to adjust pH and alkalinity of the water and reduce its corrosiveness.

Contaminant	Range of Levels	Action Level (AL)	MCLG	Probable Source of Contaminant
Lead ¹	90 th percentile = 1.5 ppb Max = 2.8 ppb	15 ppb	0 ppb	Lead and copper in drinking water mainly comes from corrosion of plumbing and fixtures.
Copper ¹	90 th percentile = 0.0421 ppm Max = 0.126 ppm	1.3 ppm	1.3 ppm	Lead and copper in drinking water mainly comes from corrosion of plumbing and fixtures.

¹ Per State monitoring requirements, Inorganic and Physical Metals, Radioactivity, Lead and Copper, and Organics last tested in 2012.

² Turbidity is a measure of water clarity and is used to monitor treatment plant performance and interference with the disinfection process.

³ Giardia and Cryptosporidium are disease-causing microorganisms that are found in some source waters. EPA requires treatment techniques to remove 99.9% of Giardia organisms. The CDPHE requires the City to perform microscopic particulate analyses of treated water to determine that the treatment techniques are meeting the regulatory requirements. These analyses showed no evidence of either organism in the City's treated water.

⁴ Total Chlorine. More than 95% of the samples taken in the City's distribution system in any two consecutive months must have a detectable residual chlorine level.

⁵ The required TOC removal is based on alkalinity of the water. For Longmont, the required level of TOC removal ranges between 35% and 45%.

⁶ Unregulated contaminant monitoring helps EPA to determine where certain contaminants occur and whether the Agency should consider regulating those contaminants in the future. In 2013 we participated in the third round of unregulated contaminant monitoring and tested for 28 contaminants as prescribed by EPA.

Table III - Drinking Water Quality: Unregulated Contaminants

Table III shows test results for parameters that do not have a specific MCL.

Contaminant	Range of Levels	Probable Source of Contaminant
Inorganic and Physical		
Sodium	7.7 to 14.3 ppm, Average = 11.5 ppm	Erosion of natural deposits
Calcium	4.4 to 10.2 ppm, Average = 6.8 ppm	Erosion of natural deposits
Potassium	< 2 ppm	Erosion of natural deposits
Magnesium	Not Detected to 1.5 ppm Average of detected results = 1.3 ppm	Erosion of natural deposits
Aluminium	17 to 50 ppb, Average = 27 ppb	Erosion of natural deposits and byproduct of the drinking water treatment process
Total Hardness	14.0 to 31.2 ppm, Average = 21.5 ppm	Erosion of natural deposits
Organic Chemicals		
Chloroform	15.6 to 34.0 ppb, Average = 24.8 ppb	Byproduct of drinking water chlorination
Dichloroacetic acid	7.9 to 13.1 ppb, Average = 10.1 ppb	Byproduct of drinking water chlorination
Bromodichloromethane	1.9 to 3.8 ppb, Average = 2.8 ppb	Byproduct of drinking water chlorination
Trichloroacetic acid	8.3 to 16.4 ppb, Average = 11.9 ppb	Byproduct of drinking water chlorination
Dibromoacetic acid	Not Detected	Byproduct of drinking water chlorination
Monobromoacetic acid	Not Detected	Byproduct of drinking water chlorination
Monochloroacetic acid	Not Detected to 1.0 ppb Average of detected results = 1.0 ppb	Byproduct of drinking water chlorination
Bromoform	Not Detected	Byproduct of drinking water chlorination
Dibromochloromethane	Not Detected	Byproduct of drinking water chlorination
Unregulated Contaminants Monitoring^a		
Chlorate	47 to 140 ppb Average = 95.4 ppb	Agricultural defoliant or desiccant; disinfection byproduct; and used in production of chlorine dioxide
Chromium-6	35 to 61 ppt Average = 42.8 ppt	Naturally-occurring element; used in making steel and other alloys; chromium-3 or -6 forms are used for chrome plating, dyes and pigments, leather tanning, and wood preservation
Strontium	30 to 48 ppb Average = 38.3 ppb	Naturally-occurring element; historically, commercial use of strontium has been in the faceplate glass of cathode-ray tube televisions to block x-ray emissions

Definitions of terms

AL – Action Level: The concentration of a contaminant which, if exceeded triggers treatment or other requirements which a water system must follow.

MCL – Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MCLG – Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

MRDL – Maximum Residual Disinfectant Level: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

MRDLG – Maximum Residual Disinfectant Level Goal: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

NTU – Nephelometric Turbidity Unit: Used to describe the cloudiness of water.

pCi/L – PicoCuries per Liter: As a measure of radioactivity.

pH: A measure of how acidic or basic water is, reported in Standard Units (SU). pH can range from 1 SU (highly acidic) to 14 SU (highly basic) with 7.0 being neutral.

ppb – parts per billion: A measure of concentration of a contaminant. Comparable to one penny in \$10,000,000.

ppm – parts per million: A measure of concentration of a contaminant. Comparable to one penny in \$10,000.

ppt – parts per trillion: A measure of concentration of a contaminant. Comparable to one penny in \$10,000,000,000.

LRAA – Locational Running Annual Average: The average of analytical results for samples taken at a particular monitoring location during the previous four calendar quarters.


Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

90th percentile: 90% of the samples were below this level.

NFWTP: Nelson Flanders Water Treatment Plant

WGWP: Wade Gaddis Water Treatment Plant





Frequently Asked Questions

Was Longmont's drinking water affected by the September 2013 flood?

Longmont citizens can be proud of the safety and reliability of their drinking water system. Unlike many other communities that had interruptions or failures in their systems, we continued to provide safe drinking water to our customers during and after the flood. While some parts of the Nelson-Flanders Water Treatment Plant were damaged, those areas were not critical for water treatment and did not affect the drinking water quality. Some of the raw water sources were interrupted but Longmont has developed many alternate supplies and was able to provide water to residents until those supplies were restored. In the weeks following the flood, more than three times the usual number of bacteriological samples were collected to ensure the integrity of the water system and safety of the City's drinking water. The reliability and resilience of Longmont's water system helped support the community during the restoration of the many neighborhoods that were damaged by the flood.

My water smells and tastes like chlorine. Why? What can I do about it?

All municipal water providers are required by Federal and State regulations to disinfect their water and maintain a residual level of disinfectant throughout the distribution system. In Longmont, the chlorine levels are set at the water treatment plants, which are closer to the northwest portion of the City's distribution system. If you live in one of the neighborhoods on the north or west side of the City, chlorine may be more noticeable than in other parts of town. If you find the taste or odor objectionable, you can use after-market filters or simply let the water sit for a period of time to dissipate the chlorine.

My water has a swampy or fishy smell. What's causing this and what can I do about it?

Algae are a source of compounds that cause taste and odor and the type and quantity of algae vary in the water sources throughout the year. Water treatment does not completely remove all of these compounds. Activated carbon is used at the water plants at certain times of the year to reduce taste and odor. Regardless of the taste or smell, the water is always safe to drink and meets or exceeds all federal and state standards.

Who should I contact if I have concerns about taste, odor or color in the water?

The City's Water Quality Laboratory responds to water quality concerns and questions. You may call the lab at 303-651-8666 for any additional information.

My water sometimes has a yellow or brown color. What's causing this and what can I do about it?

The yellow or brown water is usually caused by flushing of the distribution system. Flushing of the distribution system is done at least once a year, typically in April, to maintain water quality and to ensure that fire hydrants are operational. The flushing schedules are posted in the newspaper and on the City's website. Local flushing may be done at any time of the year to address specific problem areas. Color in the water from flushing operations is temporary and not harmful. The City recommends that you limit water use and avoid the use of hot water while flushing is being done in your neighborhood. The color can often be eliminated by letting your cold water run for several minutes.

I think the water tastes or smells different in the summer and winter, why?

The changes in taste or odor usually occur in late spring and early winter and are a result of different combinations of water sources that are used to meet seasonal demands. The sources are discussed in the "Where Longmont Gets Its Water" section of this report. The water that is used to meet summer demands generally has higher mineral content and some people notice the difference when the water plants change sources.

I have white particles in my water that clog my faucet aerators or settle to the bottom of a glass. What are these and are they harmful?

White particles in your water may be caused by deterioration of the "dip" tube in your hot water heater. The dip tube is a plastic tube that feeds the cold water to the water heater. The particles are not toxic. You can test for this problem by taking the following steps:

- Remove your faucet aerator.
- Fill pans or your sink separately with cold and hot water.
- Look for white particles that settle to the bottom. If the particles only show up in the hot water, the problem is in your water heater. Either the dip tube or the heater will need to be replaced.

Is Longmont's water soft or hard?

Longmont's water is soft and typically contains only 1-2 grains per gallon of hardness, a very small amount of dissolved minerals. A water softener is not recommended.

Is Longmont's water supply adequate to meet the demands of growth and drought in the future?

City Council has adopted a benchmark for supply that calls for maintaining sufficient water supplies to meet water demands for 10 years into the future in a 100-year drought. In addition, 10% of our future water supply is anticipated to come through conservation measures, a goal that is supported by the conservation practices outlined in the Water Conservation Master Plan. The City also has a water policy (adopted in 1963) that requires growth to "pay its own way" with respect to water. Developers of land annexed to the City are required to provide the water needed to serve the development. The City's existing water resources, the conservation goals and application of the water policy have resulted in a water supply that exceeds demand and meets the City's drought benchmark. For more information on water conservation or the City's water supply, call 303-651-8376.

Why is my water cloudy when it comes out of the tap but clears up after several seconds?

This is caused by small bubbles of air that are dissolved in the water. Some air is already in the water delivered to your tap and more can be added by aerators in faucets. During the winter, when tap water is colder, there is more dissolved air in the water; as the water warms up, there will be bubbles which clear from the bottom to the top of the glass. If the water stays cloudy even after it has been in a glass for several minutes, please call 303-651-8666 for additional information.

Is the water tested for contaminants other than those listed in the Tables in this report?

Longmont tests for many other contaminants not listed in this report. The Water Quality Laboratory samples and tests for over 50 compounds, including organics, inorganics and metals. The most recent tests showed no detectable levels of these contaminants in Longmont's water.

There has been a lot of recent publicity concerning the oil and gas industry's practice of hydraulic fracturing or "fracking" and its potential effect on water supplies. Is Longmont's drinking water affected by fracking?

Longmont obtains its water from rural and mountain watersheds that are not subject to the impact of oil and gas drilling operations. As discussed in the "What about Longmont's Water?" section of this report, actual and potential pollutant sources in our watershed are identified in a source water assessment that was completed by the Colorado Department of Public Health and Environment (CDPHE). Neither CDPHE nor the City has found any sources of contamination of our water supplies from oil and gas wells. In addition, all of our drinking water sources are surface water, not groundwater. Groundwater is more likely to be impacted by drilling or well operations. The Colorado Oil and Gas Conservation Commission (COGCC) has much more information on its website about the oil and gas industry, including locations of wells and discussions of hydraulic fracturing and water quality. For more information, please visit <http://cogcc.state.co.us>.

Does Longmont test its water for pharmaceuticals or other similar chemicals?

Longmont has tested for chemicals in the St. Vrain watershed and is also participating in a testing program led by Northern Colorado Water Conservancy District, which manages the Colorado-Big Thompson water supplies. Trace concentrations of a few chemicals have been found in the water sources. The sources and significance of these trace levels is unknown. Longmont will continue to monitor scientific and medical information related to the effects of pharmaceuticals and other similar chemicals in our source water. There is currently no evidence that these chemicals have any adverse effects on humans at the very low levels that have been detected. Longmont is fortunate to have water from rural and mountain watersheds that are not affected by urban land uses that could be a source of chemical contaminants. If you have questions, please call Public Works and Natural Resources at 303-651-8376.

Tell me more about the Unregulated Contaminants Monitoring listed in Table III.

Unregulated contaminant monitoring helps EPA to determine where certain contaminants occur and whether the Agency should consider regulating those contaminants in the future. Once every 5 years the EPA collects data from water utilities for contaminants suspected to be present in drinking water, but do not have regulatory limits for those specific contaminants. EPA looks at health effects, occurrence, and analytical methods in order to make a regulatory determination, or formal decision, on whether EPA should issue a drinking water regulation for a specific contaminant. The EPA is required by law to make at least five regulatory determinations every five years. To date, the determinations have all been that no regulatory action is appropriate or necessary. In 2013, we participated in the third round of unregulated contaminant monitoring and tested 28 contaminants. We detected low concentrations of chlorate, chromium-6, and strontium. Although these do not have regulatory limits at this time, they are all below the concentrations recommended by EPA or other public health agencies or the levels in guidance available from these agencies. EPA is now required to determine which of the 28 contaminants, if any, should be regulated in the future.

Why does the online Water Quality Report include more information than the one that was mailed?

Federal and State regulations require Longmont to distribute specific water quality information each year to all water customers. To save money and reduce mailing costs, additional information that is not required to be mailed to customers is included in this report.

Where can I get more information?

Water Utilities:

<http://ci.longmont.co.us/pwwu/water/index.htm>

Water Resources:

<http://ci.longmont.co.us/pwwu/water/resources/index.htm>

Water Quality:

<http://ci.longmont.co.us/pwwu/water/qualityreport.htm>

Water Conservation:


<http://ci.longmont.co.us/pwwu/water/conservation/index.htm>

Water Quality Laboratory:

303-651-8666 (for Drinking Water questions and concerns)

Public Works and Natural Resources Call Center:

303-651-8416

A close-up photograph of water being poured into a clear glass, creating a dynamic splash with many bubbles. The water is a vibrant blue color.

Longmont Water Fast Facts

5.23 billion
gallons were used
during the year.

57,994 gallons
were used during
the year per person.

855 million
gallons were used
in the peak month
of August.

36.1 million
gallons were used
on the peak day.

10,421 tests
were done on the
drinking water.

Questions?

Call Public Works and Natural Resources at 303-651-8376 or check our website at <http://www.ci.longmont.co.us/pwwu/water>.

Interested in Public Meetings?

The City of Longmont City Council meets on Tuesdays at 7:00 p.m. at the Civic Center, 3rd & Kimbark. There are two citizen boards that advise Council on water issues: The Water Board meets the 3rd Monday of each month at 3:00 p.m. and the Board of Environmental Affairs meets the 3rd Wednesday of each month at 3:30 p.m. Both boards meet at the City Service Center, 1100 S. Sherman St.

Este folleto contiene información importante sobre la calidad del agua en su comunidad. Hable al laboratorio de calidad de agua al numero 303-651-8666 para una traduccion al español.



*You
Can
Help*

KEEP OUR WATER CLEAN

Our daily activities have the potential to affect water quality if we don't make good choices. Stormwater carries anything that ends up on driveways, sidewalks or streets into the storm sewers that flow directly to creeks and streams without treatment.

> Properly Dispose of Waste

Only rain and snow melt should go down the storm drain.

- Never wash anything down the storm drain. Use dry cleanup methods, such as absorbent, broom and dust pan whenever possible.
- Use the following waste disposal resources:
 - Hazardous wastes: Boulder County Hazardous Materials Management Facility or Longmont's annual hazardous materials collection event.
 - Used motor oil: Longmont's Waste Diversion Center.
 - Medications: Pharmaceutical Take Back Events or Boulder County Sheriff
- Put your trash in a trash can.



> Doo Good

Pet waste contains bacteria and nutrients, which can pollute our waterways.

- Carry poop bags.
- Put the bags in a trash can. Never leave a bag on the ground — there's nobody designated to pick them up!
- At home, pick up pet waste and put it in the trash.



> Vehicle Maintenance

Well maintained vehicles and proper maintenance procedures can protect our waterways.

- Fix leaks! Those drips on the pavement will be washed into the nearest creek the next time it rains.
- If you work on your own vehicle capture spills and clean them up using dry clean-up methods. Never hose down any spills.

USE DRY CLEAN-UP METHODS!



> Local Resources

Waste Diversion Center

www.ecocycle.org/yourcommunity/longmont#dropoff
140 Martin St.
303-772-7300 or 303-651-8416

Boulder County Hazardous Materials Management Facility

www.bouldercounty.org/env/hazwaste/pages/hazmatfacility.aspx
1901 63rd St. Boulder, CO 80301
720-564-2251

City of Longmont Events

www.ci.longmont.co.us/solidwaste/events/chemical.htm

City's Curbside Leaf Pick Up

www.ci.longmont.co.us/solidwaste/events/curbsideleaf.htm

Pharmaceutical Take Back Events

www.ci.longmont.co.us/pwwu/enviro/rx.htm

> Lawn and Garden

Well-kept gardens and yards beautify our neighborhoods, but improper maintenance can pollute our waterways.

- Sweep grass clippings back onto your yard after mowing.
- Apply fertilizer and weed control sparingly and in accordance with the manufacturer's instructions.
- Don't over water. Excessive runoff wastes water and chemicals you may have added to your yard.
- Take leaves to the Waste Diversion Center or use the City's Curbside Pick Up.

Apply fertilizer and weed control sparingly



> Car Washing

While it isn't illegal to wash your car in your driveway, it isn't a good practice. Commercial car washes dispose of or treat the water properly, and in many cases, they recycle it.

- Wash your car at a commercial car wash.
- If you choose to wash your car at home, wash it on the lawn so that water can be absorbed by grass.
- If you're planning a car wash fundraiser, ask a local car wash if you can use one of their wash bays.



**KEEP
IT CLEAN**
'cause WE'RE ALL
DOWNSTREAM



**STORMWATER
QUALITY**

To learn more about stormwater quality:
www.KeepItCleanPartnership.org or
www.ci.longmont.co.us/pwwu/storm/swquality.htm



"Conserving our water to preserve our quality of life."

WaterMatters

WISE H₂O CHOICES

CITY of LONGMONT | Water Conservation Planning and Programs



All programs
are first come,
first served.

The City of
Longmont and
Center for
ReSource
Conservation
have joined
forces to bring
you these water
conservation
measures.

As part
of water
conservation
the City offers
rebates for
water saving
appliances
and provides
xeriscape
seminars.

For all water
conservation
programs,
efforts, and
questions
please visit
our web page
at www.ci.longmont.co.us/pwww/water/conservation
or call us at
303-651-8376

Garden-in-a-Box

Choose from 3 pre-planned xeriscape gardens designed by respected local landscape designers.

Each garden includes:

- A planting plan
- Up to 28 plants
- Helpful xeriscape gardening tips

Suited for Colorado's climate!



FREE outdoor automatic sprinkler inspection

A professional auditor will:

- Recommend watering schedules
- Visually inspect and pinpoint problems
- Measure your system's precipitation rate
- Determine even water coverage
- Take soil samples
- Provide recommended improvements



FREE indoor water use inspection

A professional auditor will:

- Test to determine if any of your fixtures are leaking water
- Analyze your indoor water use, giving you a customized breakdown of where your water is used indoors and which appliances use the most water
- Give you a personalized cost benefit analysis of fixture replacement
- Install low flow faucet aerators, at no charge to you!



SLOW the FLOW
INDOORS

Call Center for ReSource Conservation at
303.999.3820 x 217 to sign up for these programs
or visit ConservationCenter.org to learn more.

